Date Searched: 9/2/2006
Databases Searched: USPAT, USPGPUB
Plurals: ON
Terms Searched:
L1   (programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal
L2   (instant$7 or program$2 or programming or configur$2 or configuring or configuration or initial$8 or reprogram$2 or reprogramming or re-program$2 or re-programming or reconfigur$2 or re-configur$2 or reconfiguring or re-configuring) same (path or interconnect$4 or wire or wiring or route or routing or connect$4)
L3   (test$3 or verif$8) same (defect$3 or fault or fail$4)
L4   (alternative or spare$1 or backup or back-up or redundan$2)
L5   1 and (2 same 4) and 3
Results: 1511 hits
L6   716/1-18.ccls. or 714/32-46,724-742.ccls. or 324/527-528,537.ccls.
L7   5 and 6
Results: 156 hits

L8   (test$4 or stimulus or vector) near5 (generat$4 or produc$5 or creat44)
L9   (observ$6 or monitor$3) same (instant$7 or program$2 or programming or configur$2 or configuring or configuration or initial$8 or reprogram$2 or reprogramming or re-program$2 or re-programming or reconfigur$2 or re-configur$2 or reconfiguring or re-configuring)
L10   8 same (instant$7 or program$2 or programming or configur$2 or configuring or configuration or initial$8 or reprogram$2 or reprogramming or re-program$2 or re-programming or reconfigur$2 or re-configur$2 or reconfiguring or re-configuring)
L11   7 and 9 and 10
Results: 55 hits

US 7058918 B2	USPAT Abramovici; Miron et al.		
US 7058534 B1	USPAT Tracy; Paul et al.		
US 6532579 B2	USPAT Sato; Masayuki et al.		
US 5349248 A	USPAT Parlour; David B. et al.		
US 5498979 A	USPAT Parlour; David B. et al.		
US 5777887 A	USPAT Marple; David P. et al.		
US 6167558 A	USPAT Trimberger; Stephen M.		
US 6237131 B1	USPAT MacArthur; James et al.		
US 6526559 B2	USPAT Schiefele; Walter P. et al.		
US 6732348 B1	USPAT Tahoori; Mehdi Baradaran et al.		
US 6886117 B2	USPAT Ku; Joseph		
US 20040216081 A1		US-PGPUB	Wells, Robert W. et al.
US 20040187060 A1		US-PGPUB	Rohrbaugh, John G. et al.
US 20040153928 A1		US-PGPUB	Rohrbaugh, John G. et al.
US 6891395 B2	USPAT Wells; Robert W. et al.		
US 7047465 B1	USPAT Trimberger; Stephen M.		

Databases Searched: EPO, JPO, IBM TDB, Derwent
Plurals: ON
Terms Searched:
L1   (programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal
L2   (instant$7 or program$2 or programming or configur$2 or configuring or configuration or initial$8 or reprogram$2 or reprogramming or re-program$2 or re-programming or reconfigur$2 or re-configur$2 or reconfiguring or re-configuring) same (path or interconnect$4 or wire or wiring or route or routing or connect$4)
L3   (test$3 or verif$8) same (defect$3 or fault or fail$4)
L4   (alternative or spare$1 or backup or back-up or redundan$2)

L5   1 and (2 same 4) and 3
Results: 4 hits

US 6732348 B   DERWENT   TAHOORI, M B et al.
US 5777887 A   DERWENT   COOKE, L H et al.

Database Searched: IEE/IEEE Xplore
Terms Searched: ((programmable <near/3> (device or array)) or pld or cpld or pga or fpga
or pal) and (instant* or program* or programming or configur* or configuring or configuration or
initial* or reprogram* or reprogramming or re-program* or re-programming or reconfigur* or re-
configur* or reconfiguring or re-configuring) and (path or interconnect* or wire or wiring or route
or routing or connect*) and (test* or verif*) and(defect* or fault or fail*) and
(alternative or spare* or backup or back-up or redundan* or duplicat*)

Results: Your search matched **31** of **1397873** documents